International application No.

PCT/ES 02 / 00499

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A63H 18/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A63H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CIBEPAT, EPODOC, WPI, PAJ

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	FR 2 042 168 A (BAZIN) 5 of February 1971 (05.02.1971), page 3, line 21 - página 5, line 38; figure	1, 2 3 - 5, 17
X A	US 3 290 498 A (LAHR) 6 of December 1966 (06.12.1966), The whole document	1, 2 5, 17
A	EP 0 567 296 A1 (NG CODY KIN MO) 27 of October 1993 (27.10.1993), column 4, line 12 -column 5, line 14; figure 1 - 5.	1, 4, 5, 9
		

x	Furthe	r documents are listed in the continuation of Box C.		See patent family annex.	
* "A"	docume	categories of cited documents: nt defining the general state of the art which is not considered particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"L"			considered novel or cannot be considered to involve an inventive		
"O"	special i docume means	reason (as specified) nt referring to an oral disclosure, use, exhibition or other	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	
		nt published prior to the international filing date but later than ity date claimed	"&"	document member of the same patent family	
Date	of the	actual completion of the international search	Date	of mailing of the international search report	
	29 April 2003 (29.04.03)		12 MAY 2003 (12.05.03)		
Name and mailing address of the ISA/		Authorized officer			
Facs	imile N	S.P.T.O.	Telep	hone No.	





International application No. PCT/ ES 02 / 00499

			17 ES 02 / 00499
C (Continuation			
Category*	Citation of document, with indication, where appropriate, of the rele	Relevant to claim No	
A	EP 0 280 920 A1 (HESSE) 7 of September 1988	(07.09.1988)	
		·	





International Application No

PCT/ ES 02 / 00499

Patent document cited in search report	date	Publication Patent f date memb		Publication date
FR 2 042 168 A	05.	02.1971	NONE	
US 3 290 498 A	S 3 290 498 A 06.12.1966		NONE	*************
EP 0 567 296 A	27.1	10.1993	US 5 218 909 A CN 1 078 660 A JP 6 007 547 A	15.06.1993 24.11.1993 18.01.1994
EP 0 280 920 A	07.0	09.1988	WO 88 06 473 A	07.09.1988 15.09.1988 26.09.1988 15.09.1990 27.09.1990